

## NOTICE TO BIDDERS

1. Time and Place of Bid Openings:

Notice is hereby given that the City of LaSalle, LaSalle, Illinois acting through the City Engineer, will receive sealed bids at City Hall, 745 Second Street, LaSalle, Illinois until Thursday, September 30, 2011 at 10:00 a.m., local time for the project "City of LaSalle, Annual Sidewalk Replacement Program, Fall 2011", at which time the bids will be publicly opened and read. Bids will be acted upon by the Mayor and City Council at the October 3, 2011 Council meeting.

2. Description of Work:

The proposed work is officially known as "City of LaSalle, Annual Sidewalk Replacement Program, Fall 2011", and further described as the removal and replacement of approximately 2355 sf. of PCC Sidewalk, 4", removal and replacement of approximately 2556 sf. Of PCC Sidewalk 4" (Special), removal and replacement of 131 feet of B-6.12 and B-6.18 curb and gutter, including all other work as further described in the plans and specifications for said work prepared by the City of LaSalle.

3. Availability of Plans and Specifications:

Plans and specifications are on file at the office of the City Engineer, 745 Second Street, LaSalle, IL 61301. Prospective bidders and suppliers may obtain specifications at the office of the City Engineer upon a non-refundable payment of the following amount:

4. Bid Security:

All bid proposals must be accompanied by a bid bond, certified check, bank cashier's check or bank draft payable to the City of LaSalle for five percent (5%) of the amount of the bid as provided in the proposal. No proposals or bids will be considered unless accompanied by such bond, check or draft. Said security shall be maintained until the bid is rejected or accepted or until a performance bond is substituted therefore.

5. Prevailing Wage Rate:

Not less than the prevailing rate of wages found by the City of LaSalle or the Department of Labor, or determined by a court of review shall be paid to all laborers, workmen, and mechanics performing work under any contract for the proposed construction. If the prevailing wage rates are revised by the Illinois Department of Labor at any time during the term of the contract, the revised prevailing wage rates shall apply to work performed pursuant to the contract, and all contractors and subcontractors shall pay their employees in accordance with the revised prevailing wage rates.

6. Performance Bond:

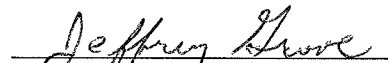
The successful bidder for the construction of the improvements will be required to enter into a bond equal to 100% of the amount of the bid with sureties to be approved by the Mayor and City Council, when entering into the contract for construction of the improvements, which shall be conditioned upon the proper and faithful performance by the contractor of the work specified in accordance with the plans and specifications thereof.

7. Rejection of Bids:

The City of LaSalle through the City Engineer reserves the right to defer the Award of the Contract for a period not to exceed 45 calendar days after the date bids are to be received, and to accept or reject any or all proposals and to waive technicalities.

City of LaSalle, Illinois

By:

  
Jeffrey Grove, Mayor

## PROPOSAL

TO THE OWNER, City of LaSalle

1. Proposal of \_\_\_\_\_  
(Name and Address of Bidder)

for the improvement, designated in Paragraph 2 below, by the City of LaSalle, Annual Sidewalk Replacement Program, Fall 2011.

2. The plans for the proposed improvement are those prepared by the City of LaSalle, which plans are designated as "City of LaSalle, Annual Sidewalk Replacement Program, Fall 2011.

". The specifications herein referred to are the "Standard Specifications for Road and Bridge Construction", Illinois Department of Transportation, adopted January 1, 2007, as amended, "The Standard Specifications for Water and Sewer Construction in Illinois, Current Edition and the enclosed Special Provisions.

3. In submitting this proposal, the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein; and that the proposal is made without collusion with any other person, firm or corporation.

4. The undersigned further declares that he has carefully examined the proposal, plans, specifications, form of contract and contract bond and special provisions, that he has inspected in detail the site of proposed work, that he has familiarized himself with all of the local conditions affecting the contract and the detailed requirements of construction, and understands that in making this proposal he waives all rights to plead any misunderstanding regarding the same.

5. The undersigned further understands and agrees that if this proposal is accepted he is to furnish and provide all necessary machinery, tools, apparatus and other means of construction, and to do all of the work, and to furnish all of the materials specified in the contract, in the manner and at the time therein prescribed, and in accordance with the requirements therein set forth.

6. The undersigned declares that he understands that the quantities mentioned are approximate only and that they are subject to increase or decrease; that he will take in full payment therefore the amount and the summation of the actual quantities, as finally determined multiplied by the unit price shown in the schedule of prices contained herein. The City of LaSalle reserves the right to add or delete work from the contract, not to exceed 25% of the total quantities.

7. The undersigned further agrees that if the Owner decides to alter the improvement by extras or deductions, including the elimination of any one or more items, as provided in the specifications, he will perform the work as altered, increased or decreased at a price to be negotiated between Owner and Contractor as provided in the specifications.

8. The undersigned further agrees that the unit prices submitted herewith are for the purpose of obtaining a gross sum, and for use in computing the value of extras and deductions; that if there is a discrepancy between the gross sum bid and that bid resulting from the summation of quantities multiplied by their respective unit prices, the latter shall apply.

9. The undersigned further agrees that if the Owner decides to extend or shorten the improvement, or otherwise alter it by extras or deductions, including the elimination of any one or more items, as provided in the specifications, he will perform the work as altered, increased or decreased at the contract unit prices.

10. The undersigned further agrees that the Engineer may at any time during the progress of the work covered by this contract order other work and materials incidental thereto and that all such work and materials as do not appear in the proposal or contract as a specified item accompanied by a unit price, and

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**[CITY OF LASALLE SIDEWALK  
REPLACEMENT PROGRAM, FALL 2011**

which are not included under the bid price for other items of this contract, shall be performed as extra work, and that he will accept as full compensation therefore the actual cost plus fifteen percent (15%), the actual cost to be determined as provided in the specifications.

11. The undersigned further agrees to execute a contract for this work and present the same to the Owner within fifteen (15) days after the notice of the award of the contract to him.

12. The undersigned further agrees that he and his surety will execute and present to the Owner within fifteen (15) days after the date of notice of the award of the contract, a contract bond satisfactory to and in the form prescribed by the Owner, in the penal sum of one hundred (100%) percent of the full amount of the contract, guaranteeing the faithful performance of the work in accordance with the terms of the contract, and for the payment of all persons performing labor and furnishing material in connection with this contract.

13. Upon completion of the work, the undersigned shall supply to the owner a contract maintenance bond in the amount of ten (10) percent of the final contract amount. Said bond shall hold the undersigned responsible to remove and replace any defective or unsuitable material, equipment or structure at the expense of the undersigned which may be apparent or may develop from inferior workmanship or material within one (1) year from the date of final acceptance of the work.

14. The undersigned further agrees to begin work not later than five (5) days after the execution and approval of the contract and contract bond, unless otherwise provided, and to prosecute the work in such manner and with sufficient materials, equipment, and labor as will insure its completion within the time limit specified herein, it being understood and agreed that completion within the time limit is an essential part of the contract. **The undersigned agrees to complete all the work by November 30, 2011**, unless additional time shall be granted by the Engineer in accordance with the provisions of the specifications. In case of failure to complete the work within the time named herein or within such extra time as may have been allowed by extensions, the undersigned agrees that the Owner shall withhold from such sums as may be due him under the terms of the contract, the costs set forth in the specifications, which costs shall be considered and treated not as a penalty but as damages due the Owner from the undersigned by reason of and other items which have caused an expenditure of public funds resulting from the failure of the undersigned to complete the work within the time specified in the contract.

15. In consideration of the mutual covenants and agreements herein contained, and other good and valuable consideration received and to be received, the Contractor hereby agrees as follows:

1. To comply with all applicable laws, regulations and rules promulgated by any Federal, State, County, Municipal and/or other governmental unit or regulatory body now in effect or which may be in effect during the performance of the work. Included within the scope of the laws, regulations and rules referred to in this paragraph but in no way to operate as a limitation, are all forms of traffic regulations, public utility and Intrastate and Interstate Commerce Commission regulations, Workmen's Compensation laws, Prevailing Wage laws, the Social Security Act of the Federal Government and any of its titles, FEPC or FEOC statutory provisions and rules and regulations.

2. To protect, indemnify, hold and save harmless and defend the City against any and all claims, costs, causes, actions, and expenses, including but not limited to attorney's fees incurred by reason of a lawsuit or claim for damages or compensation arising in favor of any person, corporation or other entity, including the employees or officers or independent contractors or subcontractors of the contractor or City, on account of personal injuries or death, or damages to property occurring, growing out of, incident to, or resulting directly or indirectly from the performance by the Contractor or subcontractor of their officers, agents or employees hereunder, whether such loss, damage injury or liability is contributed to be the negligence of the City, its officers,

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agents, employees, independent contractors, or by premises themselves or any equipment thereon whether latent or patent, or from other causes whatsoever, except that the contractor shall have no liability or damages or the costs incident thereto caused by the sole negligence of the City.

3. To keep in force, to the satisfaction of the City, at all times during the performance of the work referred to above, Broad Form, Public Liability Insurance including contractual liability and Automobile Liability Insurance with Bodily Injury each with limits of not less than \$1,000,000 Broad Form Property Damage Insurance with limits of not less than \$500,000 and workers compensation and related insurance coverage at amount required by statute. The Contractor agrees that at any time upon the demand of the City, proof of such insurance coverage will be submitted to the City. There shall be no additional charge for said insurance to the City. At the request of the City the Contractor will furnish certificates of insurance for the insurance coverage required herein, naming the City as an additional insured and providing that such policies may not be canceled or amended without ten days' prior written notice having been given to the City.

4. To furnish any affidavit or certificate, in connection with the work covered by this agreement as provided by law.

5. To indemnify the City for any loss it may sustain by theft or other cause from the acts or negligence of the employees of the Contractor or of the subcontractors.

6. Whenever in this Agreement the term City is used with regard to the obligation of the Contractor to indemnify, hold harmless or defend, the word City shall include the officers, employees and independent contractors of the City. It is mutually understood and agreed that the Contractor shall have full control of the ways and means of performing the work referred to above and that the Contractor or his/its employees, representatives or subcontractors are in no sense employees of the City, it being specifically agreed that in respect to the City, the Contractor and any party employed by the Contractor bears the relationship of an independent contractor.

16. Accompanying this proposal is a bid bond, bank draft, bank cashier's check, or certified check complying with the requirements of the specifications, made payable to the City of LaSalle. The amount of the bond, draft, or check is \$\_\_\_\_\_.

If this proposal is accepted and the undersigned shall fail to execute a contract and contract bond as required herein, it is hereby agreed that the amount of the bond, draft, or check shall become the property of the Owner, and shall be considered as payment of damages due to delay and other causes suffered by the Owner because of the failure to execute said contract and contract bond; otherwise said bond, draft or check shall be returned to the undersigned.

ATTACH BID BOND, BANK DRAFT, BANK CASHIER'S CHECK  
OR CERTIFIED CHECK HERE.  
BID PROPOSAL

[illegible]

## SUMMARY SCHEDULE

[illegible]

September 19, 2011

**[CITY OF LASALLE SIDEWALK  
REPLACEMENT PROGRAM, FALL 2011**


**Job Total:**

**\$** \_\_\_\_\_

Corporate Seal

or

Notary Public Required

Company Name:

\_\_\_\_\_

Company Officer:

\_\_\_\_\_

Title:

\_\_\_\_\_

## Special Provisions

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", Adopted January 1, 2007, the "Standard Specifications for Water and Sewer Construction in Illinois, and the related Supplemental Specifications and Recurring Special Provisions here in which apply to

and govern the construction Sidewalk Replacement Program, Fall 2011, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

### **JURISDICTION**

Jurisdiction of this improvement will be vested in the Mayor and City Council of the City of LaSalle, LaSalle, County, Illinois. The City of LaSalle City Engineer is the duly authorized Engineer for this construction.

### **DESCRIPTION OF PROPOSED IMPROVEMENT**

The work under this Contract consists of the following:

Reconstruction of unsatisfactory sidewalk with Class SI concrete, 4 inches. Removal and replacement of concrete curb type as designated in the plans.

### **MATERIALS**

All materials used in construction will be certified as to type and quantity by ticket, invoice or other written means from the source of supply, and a copy of such supplied to the Engineer upon delivery of the material. All materials to be used shall be submitted for approval to the engineer prior to beginning of construction. No work shall begin until approval for materials is obtained from the engineer.

### **PREVAILING WAGE REQUIREMENTS**

All work covered by this contract shall be subject to the Prevailing Wage regulations of the city and state. The contractor shall submit certified payroll records to the City Engineer in accordance with state statute. This statute can be found at [www.ilga.gov/legislation/ilcs/ilcs3.asp?ActID=2405&ChapAct=820 ILCS 130/&ChapterID=68&ChapterName=EMPLOYMENT &ActName=Prevailing+Wage+Act](http://www.ilga.gov/legislation/ilcs/ilcs3.asp?ActID=2405&ChapAct=820%20ILCS%20130/&ChapterID=68&ChapterName=EMPLOYMENT%20&ActName=Prevailing+Wage+Act). All workers, subcontractors included, shall be paid Prevailing Wage as per the Illinois Department of Labor current rates for La Salle County, IL.

### **EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS AND SITE OF WORK**

The bidder shall comply with Section 2-3 of the Standard Specifications relative to examination of plans, specifications, special provisions, and site of work and hereby is advised that due to the nature of the contract, he should place special emphasis on inspection in detail of the site of the proposed work and familiarization with all local conditions, traffic, and otherwise, affecting the contract and the detailed requirements for construction.

### **STORAGE OF MATERIAL AND EQUIPMENT**

At no time shall the Contractor store material and equipment in areas other than specified by the Engineer. Any damage to sidewalks, curbs and parkways not scheduled for replacement under this contract, due to the negligence of the Contractor, shall be restored by the Contractor at his own expense.

The Contractor shall maintain during the entire construction period barricades and warning lights at all material storage areas and around construction equipment if located near traffic areas.

### **HIGHWAY STANDARDS**

The following Standard Drawings included in the Highway Standards of the Illinois Department of Transportation shall be considered as part of the contract documents for these improvements:

Standards: 606001-04; 701901-01; 701801-04

## **TRAFFIC CONTROL PLAN**

Traffic control shall be in accordance with the applicable sections of the "Standard Specifications for Road and Bridge Construction," the applicable guidelines contained in the "Illinois Manual for Uniform Traffic Control Devices for Streets and Highways," these Special Provisions and the Highway Standards contained in the plans. Special attention is called to Articles 107.09, 107.14 and 107.15, and Section 109 of the "Standard Specifications" and the Highway Standards relating to traffic control:

Standards 606001-04, 701801-05, 701901-01

Figure 6H-28 of the Uniform Traffic Control Device Manual shall govern during sidewalk operations along with Standard 701801-04.

## **INSURANCE**

The Contractor shall extend insurance to the City of LaSalle for the liability coverage listed in the Standard Specifications by endorsement as additional primary insured's on the Contractor's General Liability Policy.

## **EXISTING UTILITIES**

The Contractor shall call JULIE at telephone number (800) 892-0123 for location of underground public utilities prior to beginning of construction so that buried services in the locations of the construction may be located and staked out. Where adjustments of the utility frames or removal of utilities are necessary, the Contractor shall contact the respective utility company and make arrangements for their adjustment or removal.

The Contractor shall also notify the City of LaSalle, Water Department, prior to the start of construction at any location. Any damage by the Contractor to the water and sewer services shall be repaired or replaced by the Contractor at his expense. Contractor shall avoid operating heavy equipment and/or trucks directly over water valves and shutoffs.

The Contractor shall make his own investigation to determine the existence, nature, and location of all utility lines and appurtenances within the limits of the improvement.

The Contractor shall be held responsible for any damage to existing utility lines and appurtenances resulting from the operations of his equipment or workers. The Contractor shall, at his own expense, restore the damaged utility line or appurtenances to a condition equal to that existing before such damage was done by repairing, rebuilding, or replacing it as directed by the Engineer in accordance with the applicable provisions of Section 107.31 of the Standard Specifications. No extra compensation will be allowed to the Contractor for any expense incurred because of delays, inconveniences, or interruptions to his work resulting from compliance with the above requirements.

## **EARTH EXCAVATION/PREPARATION OF SUBGRADE/PAVEMENT REMOVAL/GRADING AND SHAPING DITCHES**

City of La Salle workers shall remove the existing sidewalk and curb whenever possible. After removal, the City shall rough grade the excavation. Finished grade and forming is the responsibility of the Contractor. Should City crews be unavailable to remove the designated curb, gutter, and sidewalk, the Contractor shall remove the necessary items and be reimbursed as per Contract unit bid prices designated for each item.

## **PORTLAND CEMENT CONCRETE SIDEWALK, 4"**

Portland Cement Concrete Sidewalk, 4" shall be placed to a depth of 4 inches. Concrete shall be Class SI and placed as per Section 424 of the Standard Specifications. Joints shall match adjoining sidewalk joints, or be placed as per the Engineer. The sidewalk shall be placed on a 3" base of FA-1, FA-6 or CA-6 aggregate. The unit bid price for this item shall include compacting and grading the aggregate base, the sidewalk, all saw cutting and jointing, any topsoil and seeding behind the forms, and all other items required to produce a finished product.

## **PORTLAND CEMENT CONCRETE SIDEWALK, 4" (SPECIAL)**

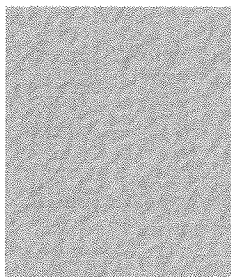
Portland Cement Concrete Sidewalk, 4" shall be placed to a depth of 4 inches. Concrete shall be Class SI and placed as per Section 424 of the Standard Specifications. Brick red coloring shall be added to the concrete so as to match existing brick concrete sidewalks in the Downtown Historic District. A herring bone pattern shall be stamped on the surface of the colored concrete as per the stamp manufacturer's instructions. "Brick Red" coloring from Davis Colors, or a pre-approved equal, shall be used to dye the concrete. Speccrete Accent Release Agent, "Storm Gray" color, or a pre-approved equal, shall be used before applying the herring bone stamp. Manufacturer's instructions must be followed. A clear acrylic sealer, such as Specco Pavesheen, or a pre-approved equal, shall be used after the concrete is cleaned and dry. Joints shall match adjoining sidewalk joints, or be placed as per the Engineer. The sidewalk shall be placed on a 3" base of FA-1, FA-6 or CA-6 aggregate. The unit bid price for this item shall include compacting and grading the aggregate base, the sidewalk, all dyes and sealants, all saw cutting and jointing, any topsoil and seeding behind the forms, and all other items required to produce a finished product.



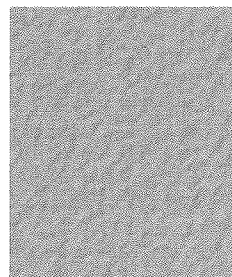
## COLOR GROUP: Premium

*As the leading producer of colors for concrete since 1952, we offer the widest spectrum available.*

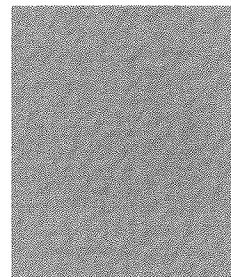
*This pdf color card is just for ideas. If you choose a color by viewing this on your PC or from a printout of the pdf file, your colored concrete may be a big surprise. Please make your selection from our printed color card, hard samples or job site test.*



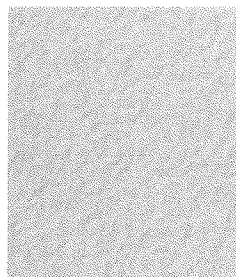
**SANGRIA 1117**



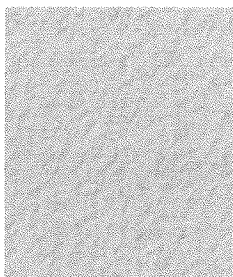
**TILE RED 1117**



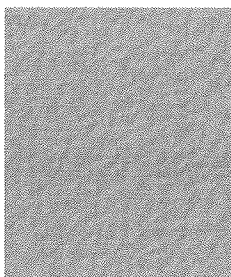
**BRICK RED 160**



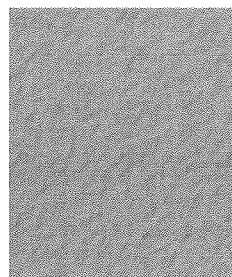
**SAN DIEGO BUFF 5237**



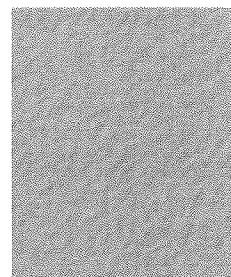
**SUNSET ROSE 160**



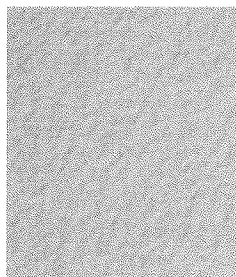
**BAJA RED 160**



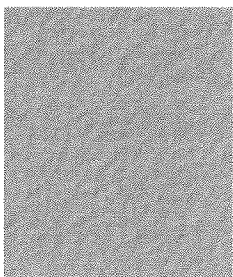
**TERRA COTTA 10134**



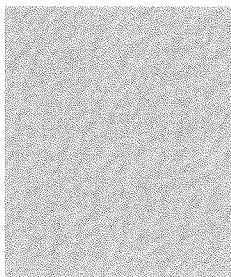
**SPANISH GOLD 5084**



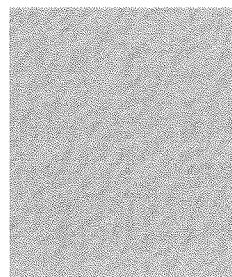
**SOUTHERN BLUSH 10134**



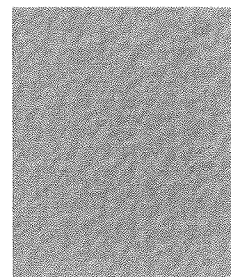
**SALMON 10134**



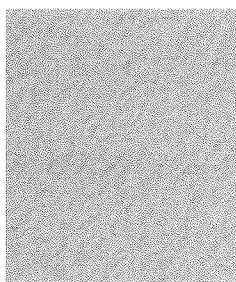
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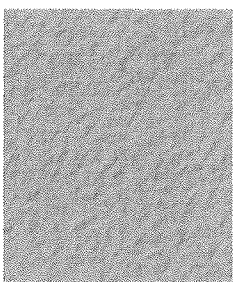
**PALOMINO 5447**



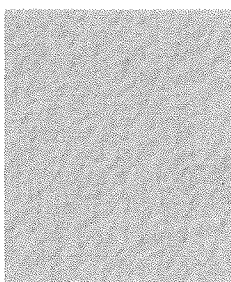
**FLAGSTONE BROWN 641**



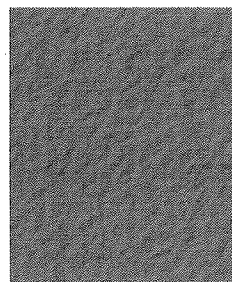
**MESQUITE 677**



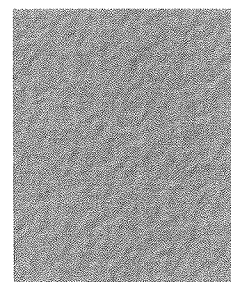
**TAUPE 677**



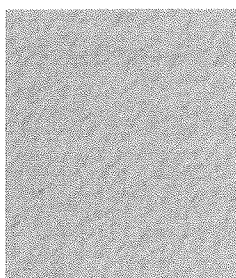
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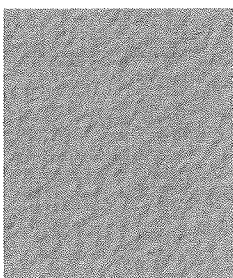
**ADOBE 61078**



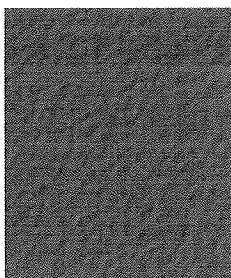
**KAILUA 677**



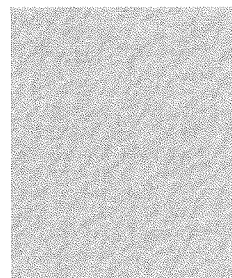
**PEWTER 860**



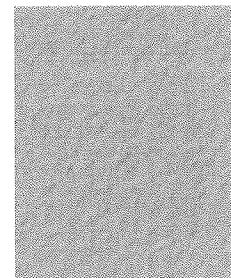
**COBBLESTONE 860**



**GRAPHITE 8084\***



**WILLOW GREEN 5376**



**GREEN SLATE 3685**

# MIX-IN COLORS FOR CONCRETE

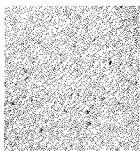
**Uses:** Davis Colors are used in cast-in-place, slab-on-grade, precast, tilt-up and decorative concrete; shotcrete, mortar, concrete masonry units, pavers, retaining wall units and roof tile. They can also be used to color cast stone, plaster, stucco and other cement-based construction materials. Designed for mix-in use only, they should not be sprinkled or dusted onto the concrete surface.

**Ingredients:** Pure, concentrated pigments made of high-quality metal oxides recycled from iron or refined from the earth and specially processed for mixing into concrete. Davis Colors comply with ASTM C979 *Pigments for Integrally Colored Concrete*. They are lightfast, alkali-resistant, weather-resistant, durable and long-lasting like concrete. Davis Colors are available in a wide spectrum of standard colors and can be custom formulated to match design requirements. ★ Unlike other Davis Colors, Supra-Instant® black #8084 is a specially treated carbon black. Carbon black is the highest in tint strength and the most economical, but can fade if concrete is not sealed against water penetration. Sealing and periodic re-sealing can minimize this effect.

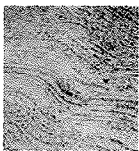
**Packaging:** Concrete suppliers use our Mix-Ready® disintegrating bags or Chameleon® bulk handling system. The Chameleon® is a computer-controlled automatic color dosing system used by concrete producers. Mix-Ready® bags are tossed into the mix without opening or pouring. They disintegrate under mixing action, releasing pigments to disperse uniformly leaving no bags to litter the environment.

**Installation:** Integrally colored concrete is installed the same way as high quality uncolored concrete. Choose a color on the inside of this color card and specify it by name and color number. Create a custom color by varying the amount of color added to the mix. Confirm desired color with a fully-cured job-site test panel. Dry color dose rates range from 1/2 to 7 lbs. per 94 lbs. of cement content and should never exceed 10% of cement content. (Liquid dose rates are higher). Cement content includes portland cement, fly ash, silica fume, lime and other cementitious materials but does not include aggregate or sand. Davis Colors have been used successfully in a wide variety of mix designs and are compatible with commercially available admixtures. The only known incompatibility is with calcium chloride set accelerator which causes blotching and discoloration. ★ Supra-Instant® black #8084 reduces or negates the effect of air-entraining admixtures.

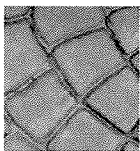
**Finishes:** Paving and floors can be finished with pattern-stamped, broomed, troweled, exposed aggregate, salt-finished, sand-blasted, diamond-polishing or many other visually appealing textures. Cast-in-place, precast and tilt-up structures can be textured with sand-blasting, bushhammering, grinding, polishing, special forms or form liners. The combinations and possibilities are endless. Here are just a few:



Exposed  
Aggregate



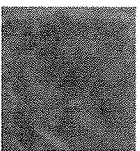
Light Broom  
(wavy)



Stamped/  
Patterned



Salt  
Finish



Sand  
Blasted



Form  
Liner

**Curing & Sealing:** W-1000 Clear™ is a non-clouding, spray-on cure and sealer that meets or exceeds ASTM C309 standards and is specially formulated for colored concrete and exposed aggregate finishes. Other curing methods, such as water curing or plastic sheets cause discoloration. Color Seal™ is an optional, thin-film sealer that's tinted to match the shades on this Color Selector. When applied over colored concrete or the W-1000 Clear™, it provides a more uniform appearance.

**Quality Tips:** For best results; materials, curing, weather conditions and workmanship should be uniform throughout a project. Quality starts with the concrete mix; use a low water-content, high-performance mix design. When planning a project, budget for craftsmanship.

**Consumer Advice:** Contractors are independently owned and operated without affiliation to Davis Colors. Choose a licensed and qualified contractor who provides written information and example projects you can see before you buy. Check the yellow pages, ask your local ready mix or building material dealer or visit [www.concreteconnection.com](http://www.concreteconnection.com) to find contractors who specialize in colored concrete.

**Specify Davis:** Choose a color from this color selector and specify it by name and color number. Add color call-out to plan documents or specifications. For complete architectural and guide spec information, visit our web site, refer to our architectural binder, call, fax or write. Our guide specifications can be found in SweetSource®, Spec-Data®, ARCAT/Spec-Disk® or at [www.daviscolors.com/specs](http://www.daviscolors.com/specs).

For samples or additional information contact:



Tel: 800-356-4848

Fax: 323-269-1053

[www.daviscolors.com](http://www.daviscolors.com)

## Mixing Guide:

Use the same pigment-to-cement ratio, type and brand of cement and aggregates throughout project. Changes in cement and aggregate color affect final color.

Keep slump less than 5" (12.5 cm) and water content consistent. High water content causes concrete to appear pale or "faded". If higher slump is required, use a water reducing admixture instead of added water.

Calcium Chloride set-accelerator causes discoloration; Do not use with color.

Specify air content of 5% to 7% for improved workability and long term durability in freeze/thaw climates.

Schedule loads for consistent mix times. Deliver and discharge in less than 1-1/2 hours. Clean mixer thoroughly between color change-overs.

Confirm color number and weight in Mix-Ready® bag (or combination of bags) is the same required by mix design.

Wet mixer with 1/2 to 2/3 total batch water. Toss in Mix-Ready® bags and mix at charging speed for at least one minute. Add cement, aggregate and remaining batch water. Continue mixing at charging speed for at least 5 minutes (7 minutes for pea-gravel mixes).

Notice: In mixes with small aggregate or batches with short mixing duration, Mix-Ready® bags may not completely disintegrate. In sand-blasted or exposed aggregate finishes, use small bag sizes (15 lbs. maximum) or open bag and pour color normally.

The Chameleon® is a computer-controlled color dosing system for Ready Mix operators exclusively from Davis. It improves color accuracy and availability. Chameleon® dose rates differ from the rates on front of this card. For more information, go to [www.daviscolors.com/chameleon](http://www.daviscolors.com/chameleon).

## Contractor's Guide:

Prepare a well-drained subgrade. Add a 2 to 3 inch (50 to 75 mm) layer of sand, gravel or crushed stone. Uniformly compact the subgrade and moisten evenly, leaving no puddles, standing water, ice, frost, or muddy areas.

If vapor barrier is used, overlap sheets and tape over holes in barrier. Place a 3" (75mm) layer of granular self-draining compactible fill over the barrier to minimize shrinkage cracking.

Position forms for uniform slab thickness. Follow American Concrete Institute standards for reinforcement and joint placement to control cracking.

Allow ample time and manpower for placement and finish work. Finish evenly and with care.

Begin troweling after bleed water evaporates. Late or hard troweling and edging causes "burns" or dark spots.

Water added at job-site to mixer or pumps will cause color to pale. Keep additions to a minimum and consistent among loads. Don't wet finishing tools or brooms or sprinkle water on the surface.

Do not sprinkle pigment or cement onto the surface.

Rotary, dry-broom, pattern stamped or rough finishes usually cure more even-colored than smooth-troweled finishes.

Uneven curing=uneven drying=uneven color. Cure colored concrete with Davis W-1000 Clear™ cure and seal. (info at: [www.daviscolors.com/literature](http://www.daviscolors.com/literature))

Do not use plastic sheets, water curing or curing products which discolor. Wood and other objects left on curing concrete cause discoloration.

Efflorescence is a white powdery substance that appears on concrete surfaces. A result of water evaporation, it is more noticeable on colored surfaces making them look faded or lighter in color when not cleaned off. Proper curing and protection against water penetration reduces tendency for efflorescence to occur. Remove with detergent or mild-acid cleaners formulated to remove efflorescence. Follow cleaner instructions and test in a small area to make sure cleaner will not etch or discolor the surface. Wear rubber gloves and eye protection.

Because the conditions of use and application of our products are beyond our control, DAVIS COLORS MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE and expressly disclaims liability for consequential or incidental damages whether based on warranty or negligence. Buyer's sole remedy shall be refund of color purchase price from point of purchase.

©2009 Davis Colors all rights reserved. Chameleon®, Mix-Ready® and Supra-Instant® are registered trademarks of Davis Colors. Printed in U.S.A. 5/09 ●

# SPECCRETE® ACCENT RELEASE POWDER

**PRODUCT DESCRIPTION:** Speccrete® Accent Release Powder is a specially formulated pigmented powder designed to prevent freshly placed concrete from adhering to concrete texturing mats. Speccrete® Accent Release Powder transfers the details of the stamping mats to freshly placed concrete in matching or contrasting colors. Speccrete® Accent Release Powder is used on plain or integrally pigmented concrete and in combination with Speccrete® Dust-On Colored Hardener.

## BENEFITS:

- PROVIDES ACCURATE DETAIL TRANSFER
- PREVENTS ADHESION OF CONCRETE TO STAMPS OR TEXTURE MATS
- ALLOWS ANTIQUE EFFECT (DUAL COLOR TONE) ON SURFACE

**DIRECTIONS FOR USE:** Place, screed and float the concrete surface as required. When excess moisture is no longer evident, broadcast Speccrete® Accent Release Powder in a thin uniform layer over the concrete surface to be textured. Texture mats may be placed immediately following the Accent Release Powder application. Removal of the excessive Speccrete® Accent Release Powder can take place after the concrete is sufficiently set and the surface can not be damaged. Excess material may be swept from the surface and residual Speccrete® Accent Release Powder may be removed by using a *low setting* pressure washer or *light* scrubbing. **Care must be taken to not remove the surface concrete during this step.** After the concrete is allowed to dry (24 hour minimum wait period is suggested), apply a clear, non-yellowing acrylic sealer such as Stampsheen 350 to protect and enhance the newly placed textured concrete.

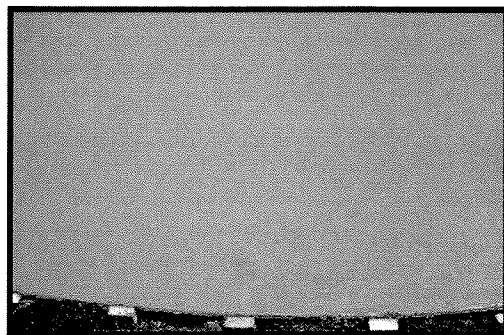
**COVERAGE:** The amount of Speccrete® Accent Release Powder used depends upon the desired depth of the texturing mat impression and the degree to which the concrete has set. Approximate coverage rate is 3 pounds per 100 square feet.

**CAUTIONS:** Cover and protect all surrounding areas where color is not desired. Be aware of wind conditions when spreading Speccrete® Accent Release Powder. In colder temperatures allow more time for the concrete to cure before removing the Speccrete® Accent Release Powder. Be careful not to stain surrounding areas with excess rinse water during removal of residual Speccrete® Accent Release Powder. The use of Concrete Earth's Accent Release Liquid is recommended for applications requiring a monotone "neutral" surface, or for jobs where powders cannot be used due to the possible color contamination of surroundings or for interior projects where wash off and rinse down is not a viable option.

**WARNINGS:** Contains synthetic iron oxide powders, avoid inhalation of dust. Wear gloves, safety goggles, and OSHA-NIOSH approved dust respirator during placement. Refer to product M.S.D.S. (Material Safety Data Sheet) for additional safety information. Do not take internally. Avoid prolonged contact with skin. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

**NPCS-HMIS SAFETY RATINGS:** HEALTH = 2, FLAMMABILITY = 0, REACTIVITY = 0, PROTECTION = E (Gloves, goggles, dust mask)

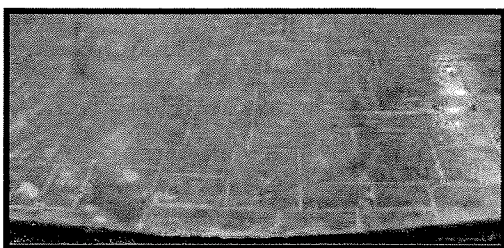
**LIMITED WARRANTY:** This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product.



COLORING CONCRETE



STAMPS AND RELEASE



WASHED



FINISHED AND SEALED



Concrete Earth, LLC ~ Specco Industries, Inc.  
13087 Main Street • Lemont • IL 60439 • (800) 441-6646  
[www.ConcreteEarth.com](http://www.ConcreteEarth.com) [www.specco.com](http://www.specco.com)  
A Complete Line of Quality Products for Concrete & Masonry since 1972



**Notes for Figure 6H-28 □ Typical Application 28**  
**Sidewalk Detour or Diversion**

**Standard:**

1. **When crosswalks or other pedestrian facilities are closed or relocated, temporary facilities shall be detectable and shall include accessibility features consistent with the features present in the existing pedestrian facility.**

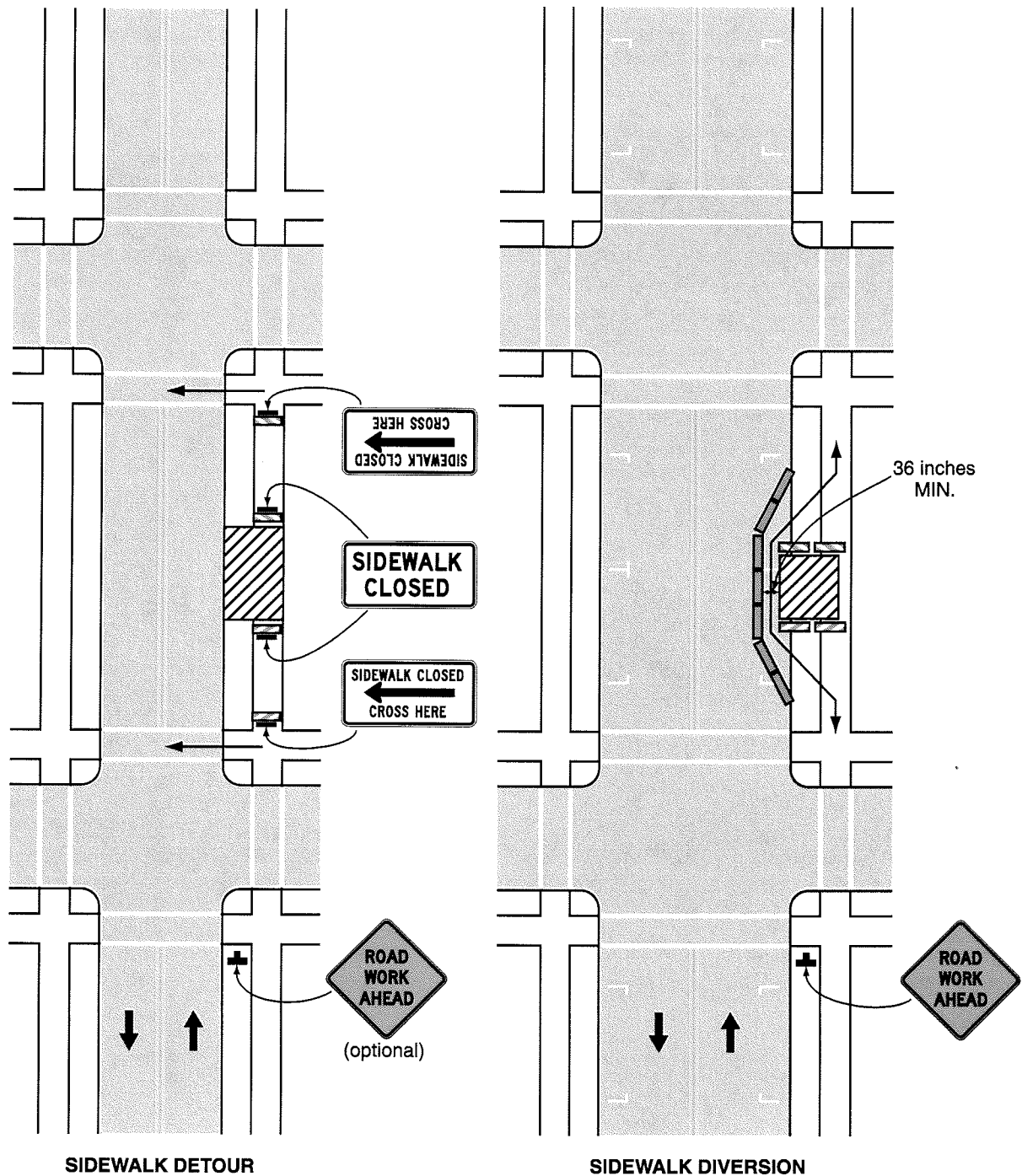
*Guidance:*

2. *Where high speeds are anticipated, a temporary traffic barrier and, if necessary, a crash cushion should be used to separate the temporary sidewalks from vehicular traffic.*
3. *Audible information devices should be considered where midblock closings and changed crosswalk areas cause inadequate communication to be provided to pedestrians who have visual disabilities.*

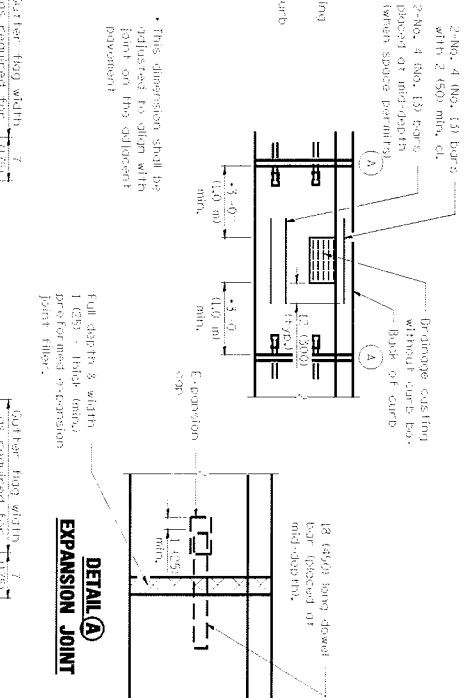
**Option:**

4. Street lighting may be considered.
5. Only the TTC devices related to pedestrians are shown. Other devices, such as lane closure signing or ROAD NARROWS signs, may be used to control vehicular traffic.
6. For nighttime closures, Type A Flashing warning lights may be used on barricades that support signs and close sidewalks.
7. Type C Steady-Burn or Type D 360-degree Steady-Burn warning lights may be used on channelizing devices separating the temporary sidewalks from vehicular traffic flow.
8. Signs, such as KEEP RIGHT (LEFT), may be placed along a temporary sidewalk to guide or direct pedestrians.



**Figure 6H-28. Sidewalk Detour or Diversion (TA-28)****Typical Application 28**

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.



**GENERAL NOTES**

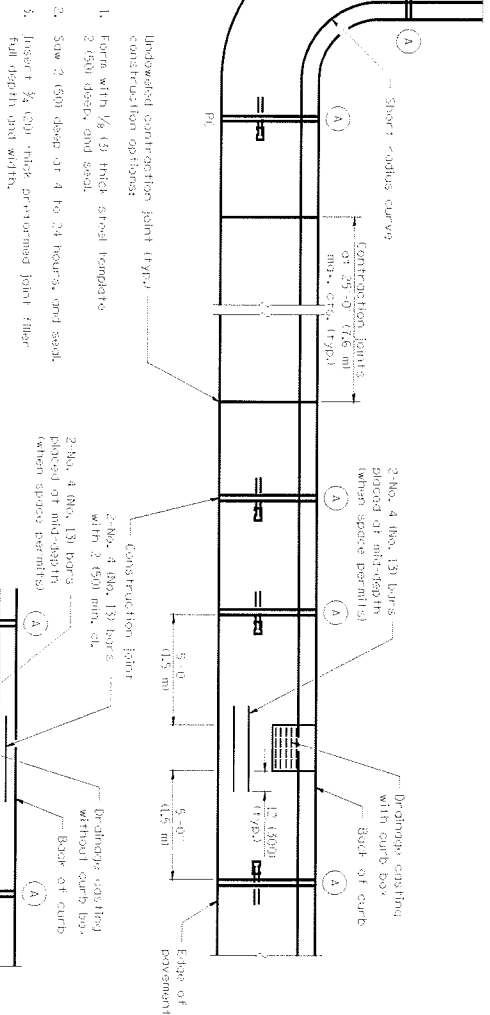
1. The bottom slope of combination curb and gutter constructed for adjacent to curb pavement shall be the same slope as the subbase or 6%, when subbase is omitted.

2.  $T =$  Thickness of pavement.

3. Longitudinal joint, the bars shall be No. 6 (10s, 13) at 24 (600) mm spacing in concrete with details for longitudinal construction joint shown on Standard A-6000.

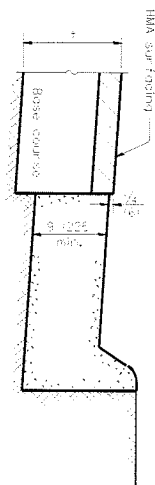
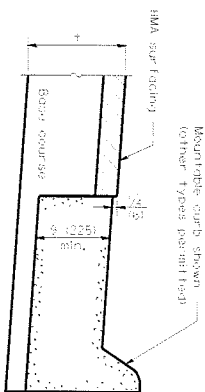
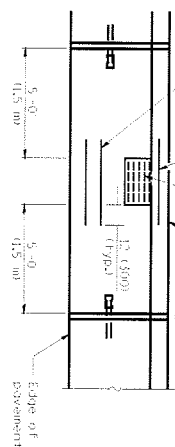
4. A minimum clearance of 2.550 between the end of the bar and the back of the curb shall be maintained.

5. All dimensions are in inches (millimeter if inches or otherwise shown).



- Undeveloped contraction joint (typical) construction options:
1. Form with  $\frac{1}{8}$  (3) thick steel template
  2. Saw 2' (60) deep, and seal.
  3. Insert  $\frac{3}{4}$  (20) thick preformed joint filler, full depth and width.

### PLAN

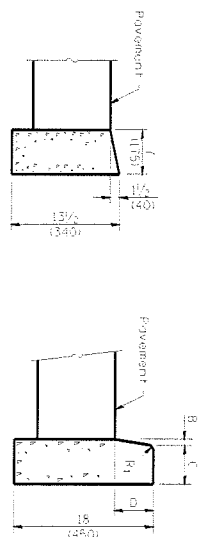


### ON DISTURBED SUBGRADE

### ON UNDISTURBED SUBGRADE

### ADJACENT TO FLEXIBLE PAVEMENT

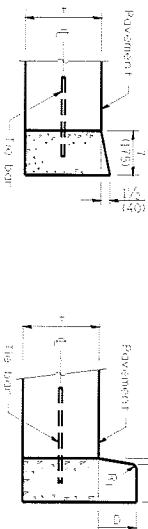
DESIGNED BY	DESIGNED BY
CHECKED BY	CHECKED BY
APPROVED BY	APPROVED BY
PROJECT NO.	PROJECT NO.
DATE	DATE
SCALE	SCALE



### DEPRESSED CURB

### BARRIER CURB

### ADJACENT TO FLEXIBLE PAVEMENT



### DEPRESSED CURB

### BARRIER CURB

### ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

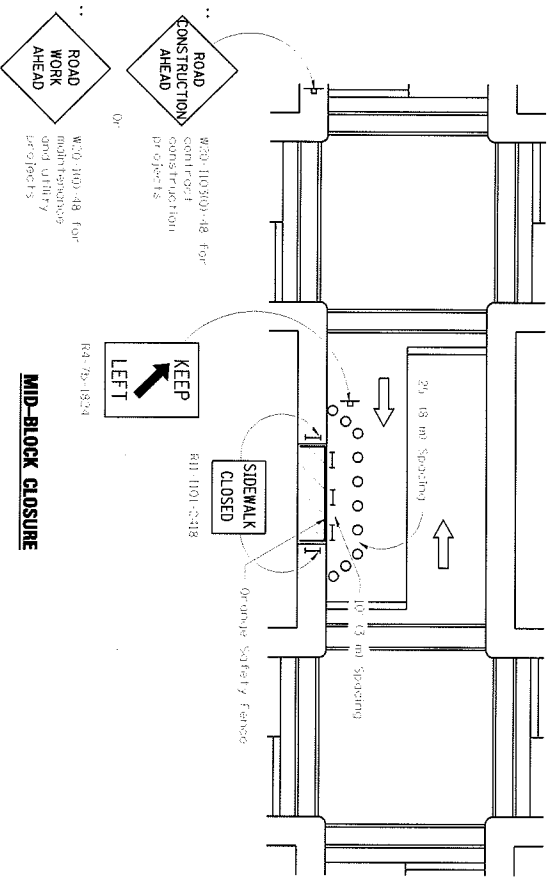
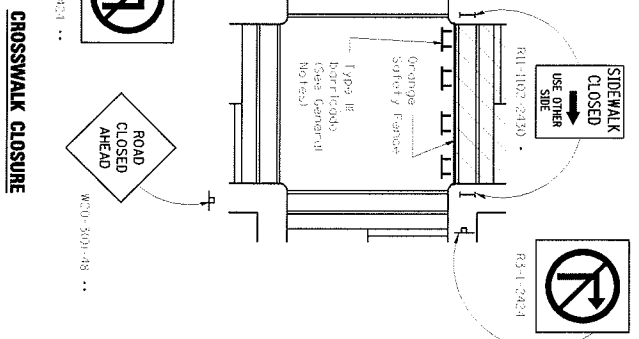
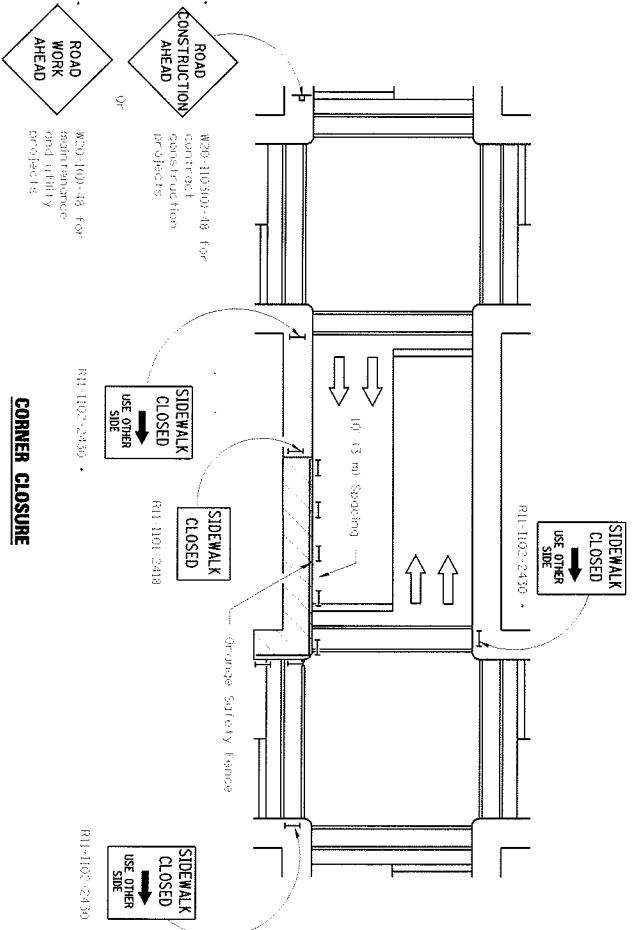
### CONCRETE CURB TYPE B

### CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

STANDARD 606001-04

Illinois Department of Transportation  
 Approved: *[Signature]* Date: 11/1/97  
 Engineer of Operations: *[Signature]* Date: 11/1/97  
 Approved: *[Signature]* Date: 11/1/97  
 Director of Design and Construction

- SYMBOLS**
- Work area
  - Sign on portable or permanent support
  - Barricade or drum
  - Cones, drums or barricade
  - Type III barricade



DATE	REVISIONS	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
11-03	Switched units to English metric.	
11-00	Revised Standard Title and KEEP LEFT sign number.	
		STANDARD 701801-04

**GENERAL NOTES**

Where, at any time, protection traffic must be provided due to work being performed, the SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the rear of the closure. When a two-lane closure occurs at a corner, the signs shall be placed on the SIDEWALK CLOSED signs shall be placed at the ends of the closure.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

All dimensions are in inches unless otherwise shown.

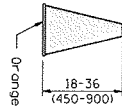
\* May be used when applicable

**MID-BLOCK CLOSURE**

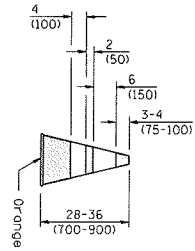
**CORNER CLOSURE**

**CROSSWALK CLOSURE**

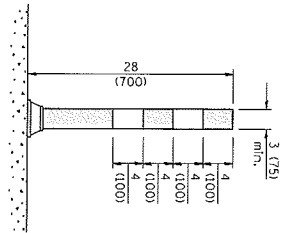




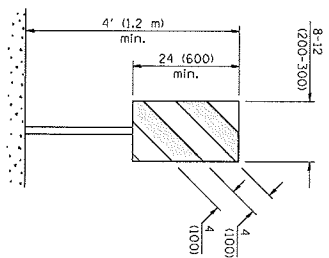
**CONE**



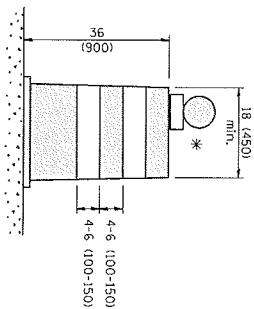
**REFLECTORIZED CONE**



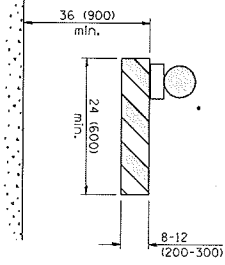
**FLEXIBLE DELINEATOR**



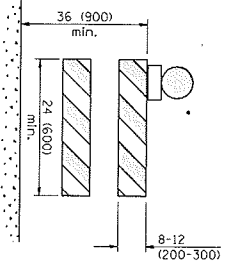
**VERTICAL PANEL**  
POST MOUNTED



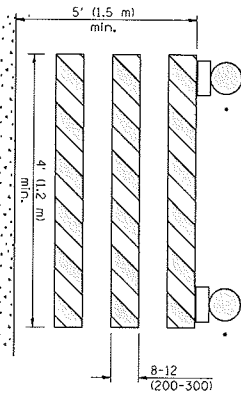
**DRUM**



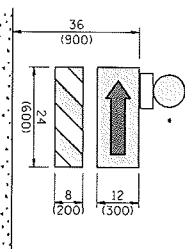
**TYPE I BARRICADE**



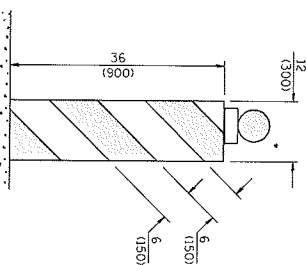
**TYPE II BARRICADE**



**TYPE III BARRICADE**



**DIRECTION INDICATOR**  
**BARRICADE**



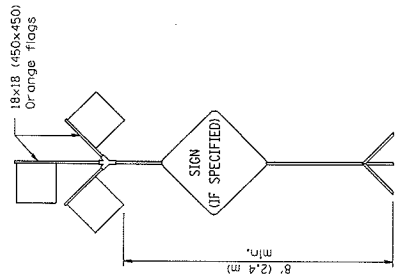
**VERTICAL BARRICADE**

• Warning lights (if required)

**GENERAL NOTES**  
All heights shown shall be measured above the pavement surface.  
All dimensions are in inches (millimeters) unless otherwise shown.

APPROVED	DESIGNED	2003
ENGINEER OF OPERATIONS	ENGINEER OF OPERATIONS	2003
ENGINEER OF DESIGN AND ENVIRONMENT	ENGINEER OF DESIGN AND ENVIRONMENT	2003
ISSUED	1-1-97	

DATE	REVISIONS	TRAFFIC CONTROL DEVICES
1-1-09	Switched units to English (metric). Omitted light on vertical panel.	
1-1-08	Renumbered Standard 702001-06. Rev. note for Temp. signs on Sheet 2.	
		STANDARD 701901-01

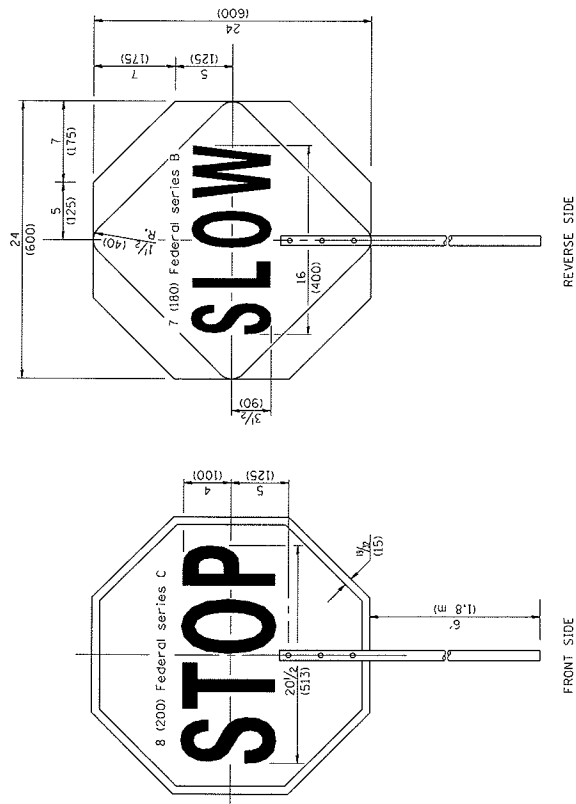


## HIGH LEVEL WARNING DEVICE

••••• When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen by motorists.

## SIGNS ON TEMPORARY SUPPORTS

When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen by motorists.




All dimensions are in inches (millimeters) unless otherwise shown.

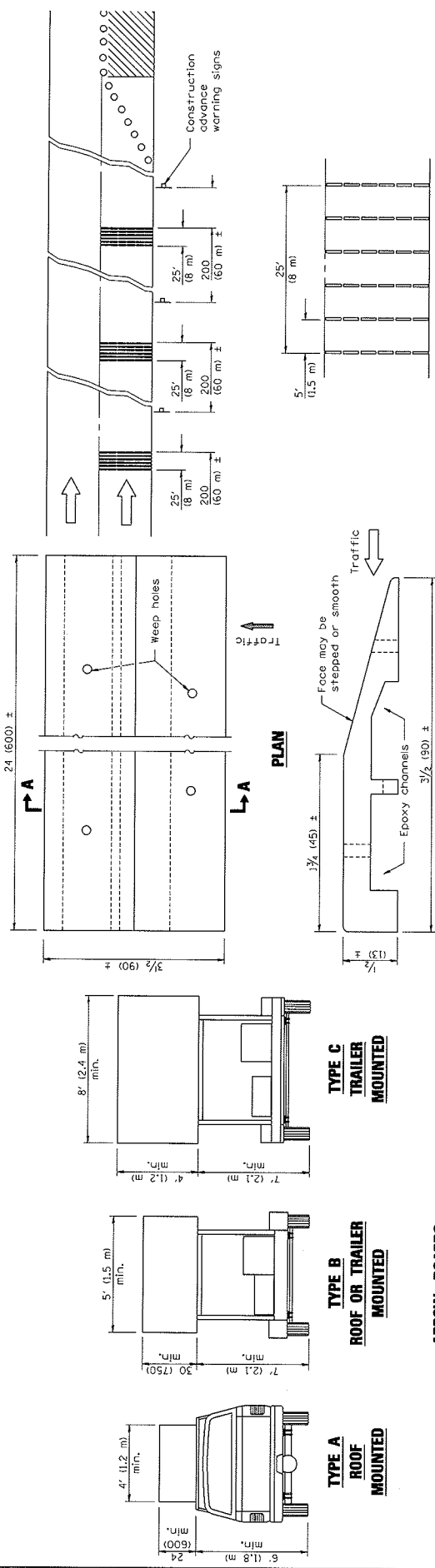
## TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

## STANDARD 701901-01

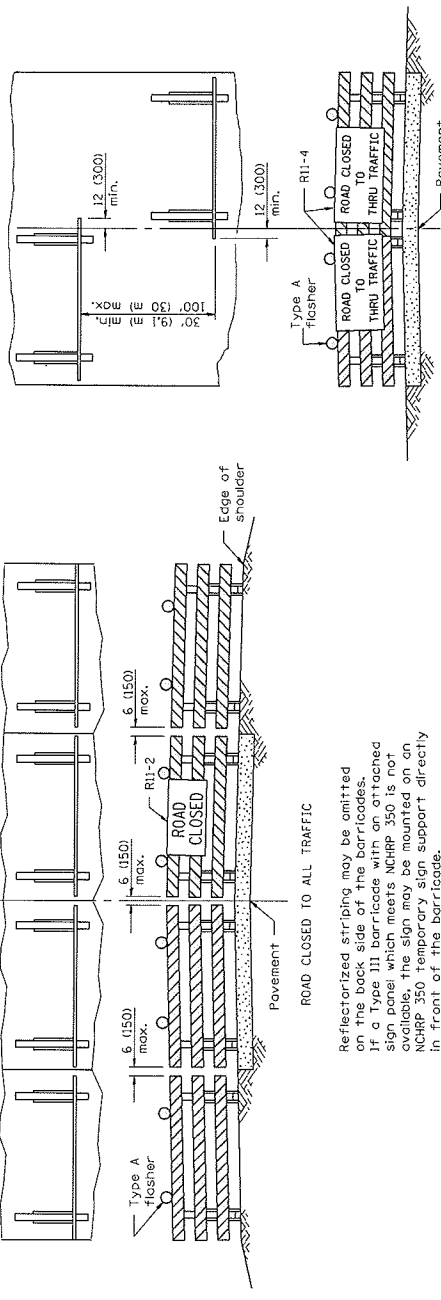
### FLAGGER TRAFFIC CONTROL SIGN


 Illinois Department of Transportation  
 APPROVED January 1, 2009  
 ENGINEER OF OPERATIONS  
 APPROVED January 1, 2009  
 ENGINEER OF DESIGN AND ENVIRONMENT



**TYPICAL INSTALLATION**

**TEMPORARY RUMBLE STRIPS**



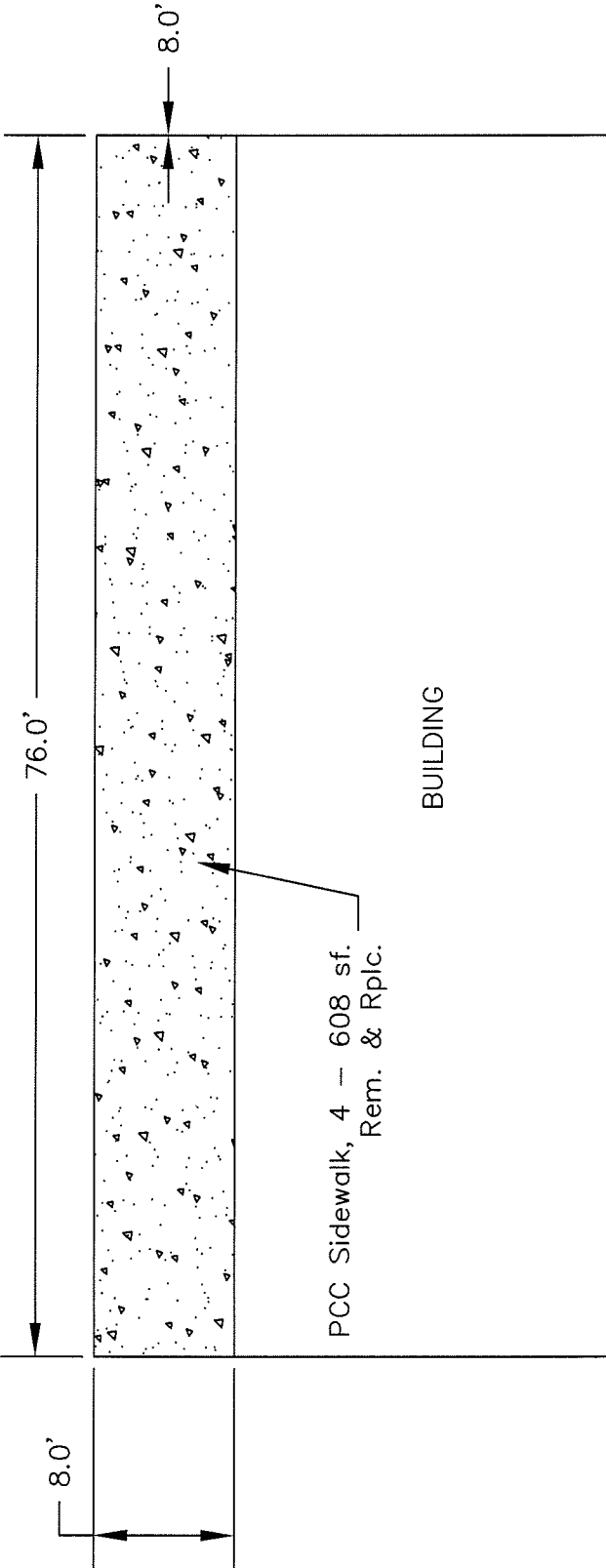
ReflectORIZED striping may be omitted in back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.

All dimensions are in inches (millimeters) unless otherwise shown.

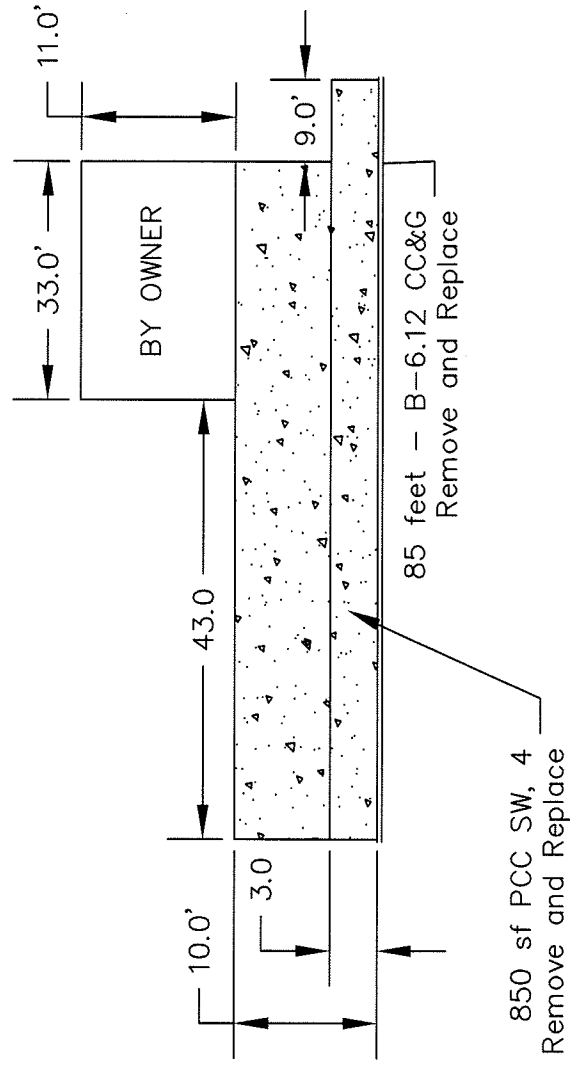
**TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD**

APPROVED <i>[Signature]</i> 2009 ENGINEER OF OPERATIONS APPROVED <i>[Signature]</i> 2009 ENGINEER OF DESIGN AND ENVIRONMENT		ISSUED 1-1-97
--	--	---------------

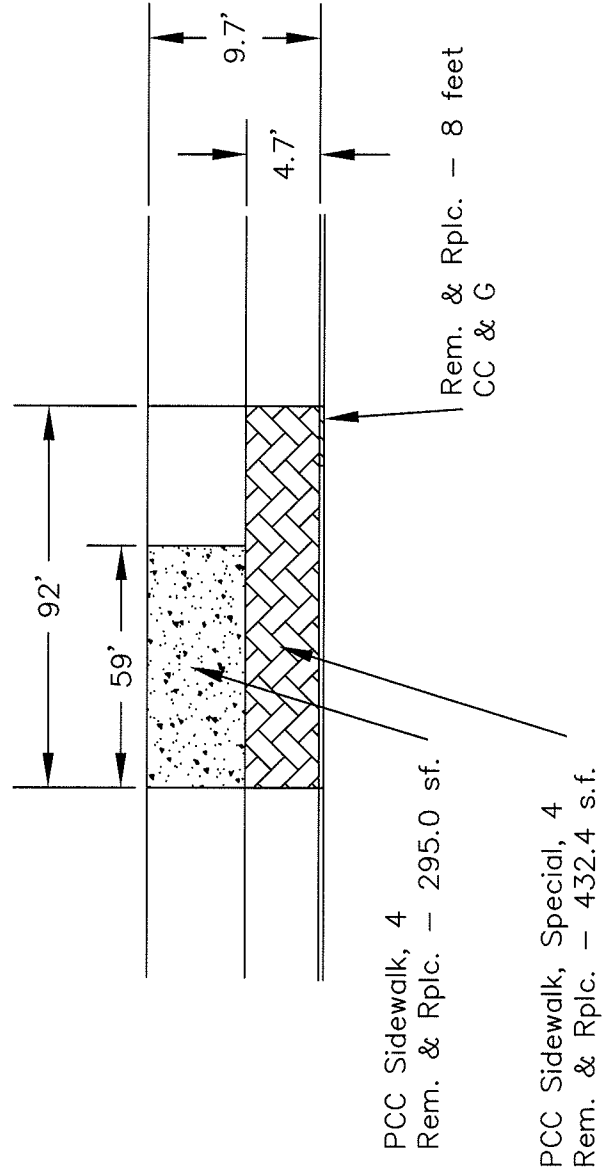
LAWN & GARDEN CENTER  
240 First Street



KING TIRE  
237 First Street

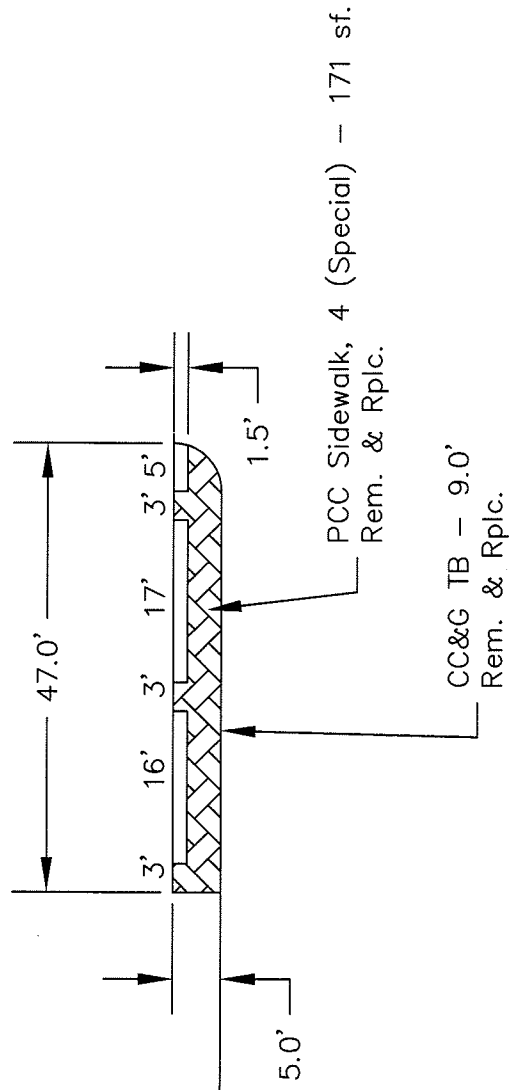


WAZ'S TAVERN  
345 First Street



POST OFFICE ON FIRST STREET  
427 FIRST STREET

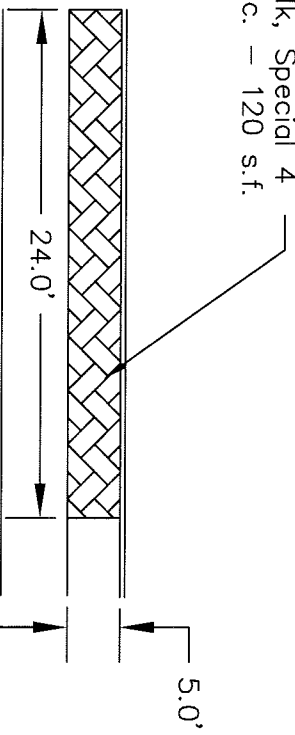
BUCKLIN AVENUE



FIRST STREET

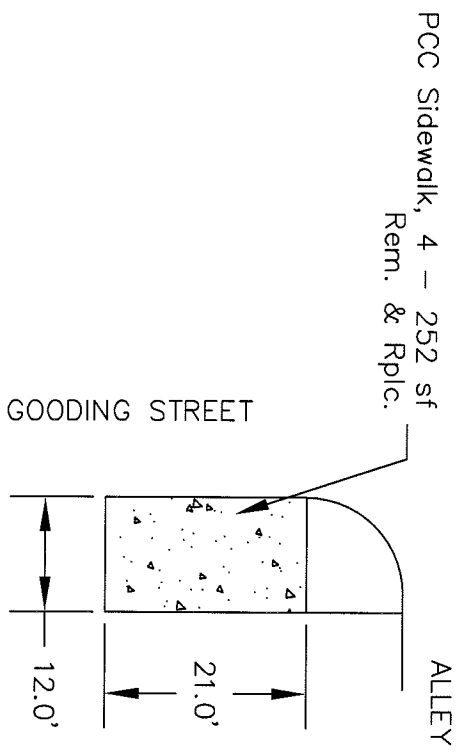
524 First Street

PCC Sidewalk, Special 4  
Rem. & Rplc. — 120 s.f.

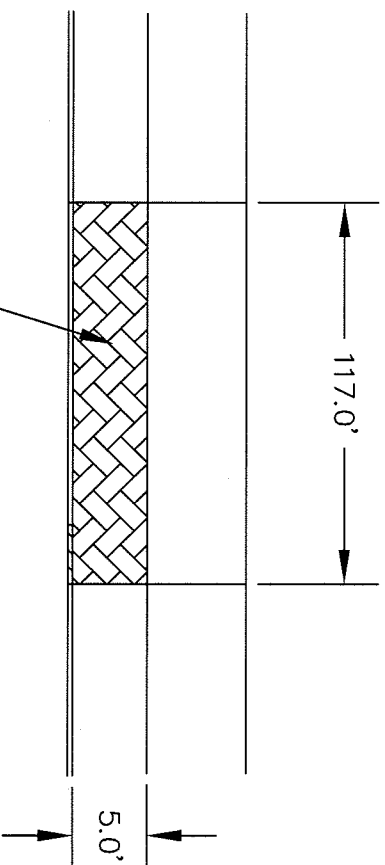




FLOWER MART  
228 GOODING STREET

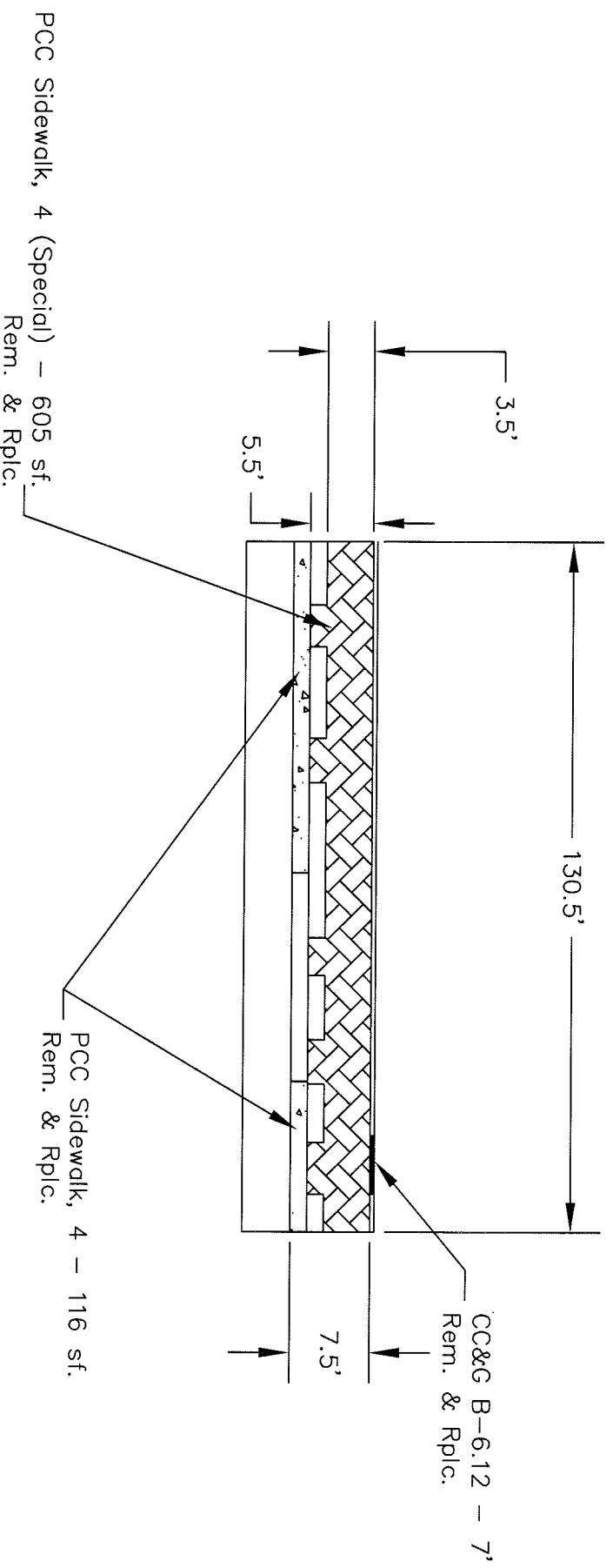


FORMER ROBIN HOOD  
753 First Street

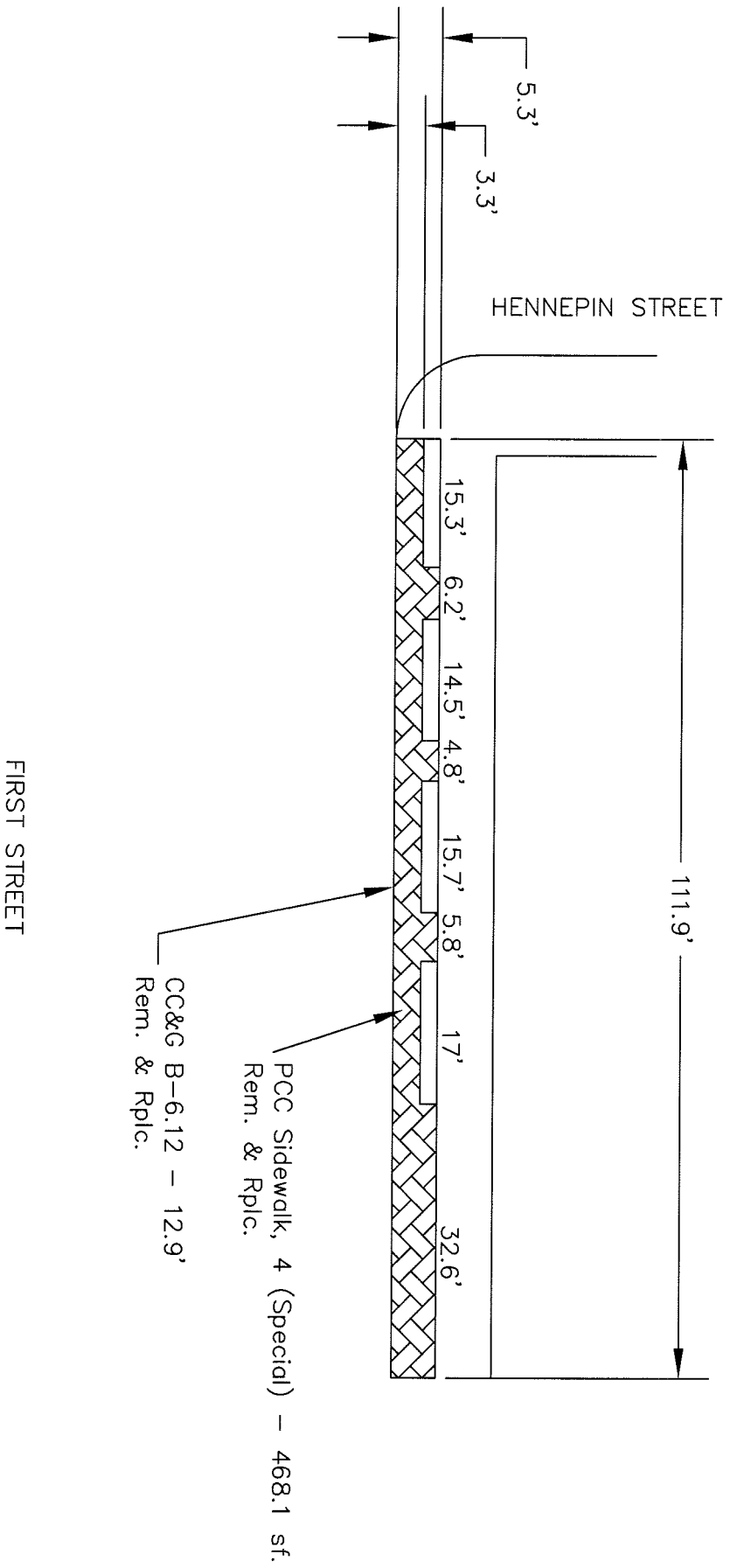


PCC Sidewalk, Special, 4  
Rem. & Rplc. - 585.0 s.f.

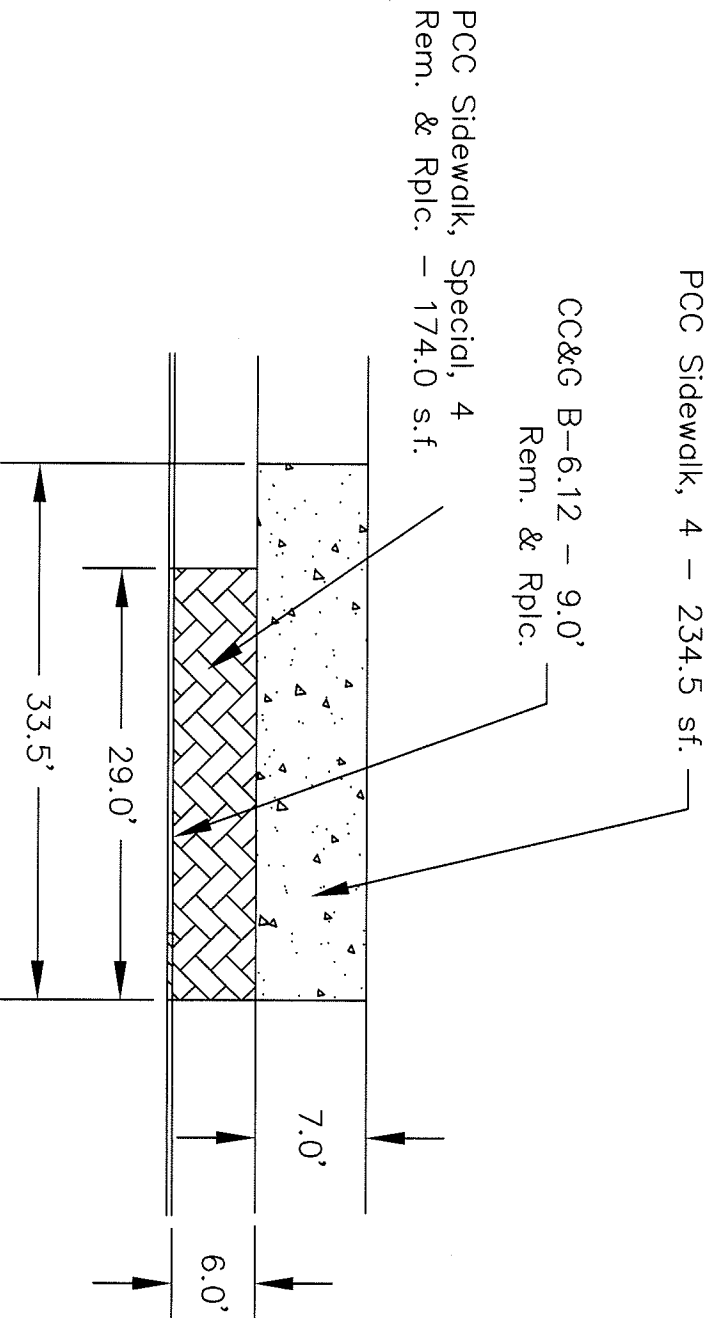
CITY MOTORS  
802 First Street



OFFICE SUPPLY  
901 FIRST STREET



SMOKY HOLLOW  
1117 First Street



Annual Sidewalk Replacement Program, Fall 2011

<b>LOCATION</b>	<b>PCC SW, 4</b>	<b>PCC SW, 4 SPECIAL</b>	<b>CURB REMOVAL</b>	<b>SIDEWALK REMOVAL</b>	<b>CURB AND GUTTER (B- 6.12 OR B-6.18)</b>	<b>AGG. BSE. CSE, TA</b>
Lawn & Garden center	608			608.0		11.5
King Tire	850		85	850.0	85	16.1
Waz's Tavern	295	432.4	8	727.4	8	13.8
Post Office on First St.		171		171.0	9	3.2
524 1st Street		120		120.0		2.3
Flower Mart	252			252.0		4.8
Robin Hood		585		585.0		11.1
City Motors	116	605	7	721.0	7	13.7
Office Supply		468.1	12.9	468.1	12.9	8.9
Smoky Hollow	234.5	174	9	408.5	9	7.8
	2355.5	2555.5	121.9	4911.0	130.9	93.2
	Sq. Ft.	Sq. Ft.	Foot	Sq. Ft.	Foot	Ton